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APPLICATION NO.	FILING DAT	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/806,588	03/23/2004	Yuko Ohgishi	09792909-5827	2229	
26263	7590 06/3	0/2006	EXAM	EXAMINER	
SONNENSCHEIN NATH & ROSENTHAL LLP			SMITH, E	SMITH, BRADLEY	
P.O. BOX 0	51080				
WACKER D	RIVE STATION,	ART UNIT	PAPER NUMBER		
CHICAGO.	IL 60606-1080		2891		

DATE MAILED: 06/30/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)			
		10/806,588	OHGISHI, YUKO			
	Office Action Summary	Examiner	Art Unit			
		Bradley K. Smith	2891			
Period fo	The MAILING DATE of this communication app or Reply	pears on the cover sheet w	ith the correspondence address			
WHIC - Exter after - If NO - Failu Any r	ORTENED STATUTORY PERIOD FOR REPLICATION OF THE MAILING DISTRICT IN THE MAILING THE MAILIN	ATE OF THIS COMMUNI 36(a). In no event, however, may a will apply and will expire SIX (6) MOR a, cause the application to become Al	CATION. reply be timely filed ITHS from the mailing date of this communic BANDONED (35 U.S.C. § 133).			
Status						
1)[🛛	Responsive to communication(s) filed on 14 A	pril 2006.				
2a)⊠	This action is FINAL . 2b) ☐ This	action is non-final.				
3)□	☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
	closed in accordance with the practice under E	Ex parte Quayle, 1935 C.E	D. 11, 453 O.G. 213.			
Dispositi	on of Claims					
5)□ 6)⊠ 7)□	Claim(s) <u>1-13</u> is/are pending in the application 4a) Of the above claim(s) <u>1-7</u> is/are withdrawn Claim(s) is/are allowed. Claim(s) <u>8-13</u> is/are rejected. Claim(s) is/are objected to. Claim(s) are subject to restriction and/o	from consideration.				
Applicati	on Papers					
10)	The specification is objected to by the Examine The drawing(s) filed on is/are: a) acc Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct The oath or declaration is objected to by the Example.	epted or b) objected to drawing(s) be held in abeya tion is required if the drawing	nce. See 37 CFR 1.85(a). I(s) is objected to. See 37 CFR 1.13			
Priority u	ınder 35 U.S.C. § 119					
12)□ a)[Acknowledgment is made of a claim for foreign All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Bureasee the attached detailed Office action for a list	is have been received. Is have been received in A Inity documents have beer In (PCT Rule 17.2(a)).	Application No received in this National Stage	:		
Attachmen	t(s) e of References Cited (PTO-892)	4) 🔲 Interview	Summary (PTO-413)			
2) Notic 3) Inforr	e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) r No(s)/Mail Date	Paper No(s)/Mail Date nformal Patent Application (PTO-152)			

Art Unit: 2891

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 8-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chapman in view of Furukawa et al. (US 2005/024378). Chapman disclose a plurality of electronic circuit elements formed at parts of the semiconductor substrate for each electrically independent region and including insulating films and electrodes formed on the insulating films, wherein: the insulating films differing in required electrical effective thickness for each electronic circuit element with the same conductivity type (figures 1 and 2). With regards to claim 9 Chapman disclose the transistors have different effective thicknesses. With regards to claim 10 and 11, Chapman discloses the circuit elements being transistors and the electrode could act as capacitors and the oxide could act as a capacitive film. With regards to claims 12 and 13, Chapman discloses the transistors having the same gate thicknesses and different thickness. However, Chapman fails to disclose that the electrodes having different concentrations of impurities for each circuit element with the same conductivity type. Furukawa et al. disclose doping the gate electrode (0006). Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings

of Chapman and Furukawa because the doping of the gate electrode would alleviate carrier depletion (see paragraph 0006).

Response to Arguments

Applicant's arguments with respect to claims 8-13 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bradley K. Smith whose telephone number is 571-272-1884. The examiner can normally be reached on 10-6.

Application/Control Number: 10/806,588 Page 4

Art Unit: 2891

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bill Baumeister can be reached on 571-272-1722. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Bradley K Smith
Primary Examiner
Art Unit 2891